

Holds a B. Sc. in Petroleum Refining & Chemical Engineering and has over 23 years experience working in Pre-commissioning, Commissioning, Start-up, Operations, Production, Process, Process Safety, Planning and Marine Operations.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 14/10/1974
Gender : Male
Marital Status : Married
Residence : Currently Oman

EDUCATION

: B. Sc. in Petroleum Refining & Chemical Engineering, Suez Canal University, 1999

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: 3D Model, HYSYS, VISIO, GMS, ORACLE, Control systems such as DCS, ICS, DCIS, SCADA, PLC, F&G, ESD, PI, MCS, HIPPS, PSS Simulation surveillance system for subsea wells, pipelines, gathering system flow assurance

TRAINING COURSES AND CERTIFICATIONS

: Fire Prevention & Fire Fighting on Board Offshore Units (STCW95).
: Personal Survival Techniques and Search and Rescue on Board Offshore Units (STCW95).
: Emergency Team Leader (Firefighting Team Leader Course).
: Incident Investigation Course.
: Offshore Emergency Response and Security training course.
: OIM (Offshore Installation Manager) training course and Certification.
: Stability Training (MODU/MOPU), Mobilized Offshore Drilling / Production Units.
: ISPS training Course.

- : Firefighting training course.
- : HUET Course, Certified by OPETO.
- : BOSIET Course, Certified by OPETO.
- : H2S Course, Certified by OPETO.
- : OSHA 30hr General Certificate.
- : Proficiency of Security Awareness for Seafarer with Designated Security Duties Training.
- : Leadership in Safety.
- : Competency Exercise Using the Apollo Root Cause Analysis Technique.
- : LPG, NGL, LNG technology (production & handling, cryogenic plants operations & facilities) Course.
- : RASHPETCO Operations Academy for the front-line leaders.
- : Process Calculation & Simulation Course using Hysys.
- : PI Training –End –Users Course at Integration Objects Training Centre.
- : Emergency Response Plan, British GAS Company Safety Policy.
- : PTW (Permit to Work) & Risk Assessment Course, British GAS (BG) Company Safety Policy.
- : Strong Safety & Environment Training, British GAS (BG) Company Safety Policy.
- : Safety Introduction training course.
- : Modern Management Concepts Training Program.
- : Gas Processing Operations.
- : MCS Course (master control station: station for controlling the subsea system).
- : MEG (Mono-Ethylene Glycol) Recovery Course (SICES Company).
- : Gas Turbines Operation & Maintenance Course.
- : Natural Gas fundamental, liquid recovery, sweetening, dehydration, mercury removal, liquefaction process, transportation and storage Course.
- : Pipeline System Simulation PSS program used to simulate the fluid flow, three phase flow through the wells in case of venture failure using IDUN system Course.
- : Gas Compression & Pumping Operation course at EGY CAN Training Center.
- : Use of the Pipeline System Simulator, look ahead functions and operator training simulator, training course by Fantoft Process Technologies A/S company for Scarab /Saffron, Simian/Sienna and Sapphire Production System Simulator.
- : Fire Prevention & Fire Fighting on Board Offshore Units, from the Arab Academy for Science and Technology and Maritime Transport under the provisions of (STCW95).
- : Personal Survival Techniques and Search and Rescue On board Offshore Units, from the Arab Academy for Science and Technology and Maritime Transport under the provisions of (STCW95).
- : Use of the Pipeline System Simulator, look ahead functions and operator training simulator course by Fantoft Process Technologies A/S for Scarab /Saffron Production System Simulator.
- : Scarab Saffron Subsea Control System, by KVAERNER Oilfield Products LTD.
- : DCS & ICS Course, YOKOGAWA Company, Centum CS3000 fundamental.

- : Continuous Training for Gas Processing, Operation, Maintenance, Automatic Control, HSSE) for four months by (IHRDC: international human resources development corporation) at RASHPETCO Training Center.
- : English Training Course at The American University in Cairo intermediate level 301 for 18 sessions.
- : English Training Course at The American University in Cairo intermediate level B for 18 sessions.
- : Microsoft Office.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Oct. 2022 till now
- Employer** : OTTCO Oman Tank Terminal Company
- Project** : Ras Markaz Oil Park Storage Terminal (Tank Farm, Marine Importing & Exporting Infrastructure Facilities), OMAN
- Job title** : Operations Lead, Shift Team Leader, Supervisor
- Job Description** :
- Pre-commissioning, Commissioning, Start-up, Operations and Maintenance.
 - Supervised, monitor and lead activities and operation staff within Crude Oil Terminal Tank Farm and Offshore infrastructure for loading and unloading for export and import crude oil using pumps and metering facilities, and using the water treatment facilities for treatment for oily water separated from crude oil tanks, supervise operations at site and control room, conducted shift handover, audited logbooks of control room and field operators.
 - Coordinate Pre-commissioning, Commissioning and the Start-up and operations activities.
 - Review design documents, operating manuals, mechanical data sheets, mechanical drawing, process flow diagrams, fire protection plan and equipment distribution layout, safety, and environmental procedures.
 - Conducted construction and mechanical completion walk downs, PSSR walkdown, reviewed and verified the P&ID documents at site and readiness of start-up.
 - Coordinated the implementation of commissioning, start-up procedures and performance test.
 - Review HAZOP, HAZID, risk assessments, SIMOPS, safety documents.
 - Conducted the PTW discussion, review PTW for all activities and SIMOPS at green and brownfield areas.
 - Carried out coaching, on-job training, and assessment for the operations staff.
 - Ensured operations targets are met, prepared daily, monthly, and annual reports, write handover, logbook.
 - Reviewed collected data and checklists from DCS and site, checked deviations, coordinated with commissioning and maintenance explaining problems and deviations for rectifying.
 - Monitor vessel safely positioned and mooring operation and correct tension to SPM.
 - Supervise valves, lines setting, monitored communication between ship and control room at shore to initiate cargo transfer, communicated with ship bridge during ship to shore crude oil loading / unloading operations

and emergencies.

- Monitor cargo operation, pressures, flow, sampling with auto samplers, log timesheet.
- Conducted terminal emergency response according to the ERP, coordinate emergencies as on-scene commander, communicate with the emergency team and management.

Dates : From Jan. 2021 till Apr. 2021
Employer : ADES (Advanced Energy System Company)
Project : SHE & HH83-2 Offshore Oil Production Projects - Offshore Oil Production Two Platforms, EPC Project, SEH & HH83-2 Wellhead Production Platforms, EPC Project, Egypt
Job title : Topside Facilities Leader
Job Description :

- Project, Pre-commissioning, Commissioning, Start-up.
- Coordinate Pre-commissioning, Commissioning, and the Start-up activities.
- Reviewed the Design, Process, P&ID, E&I Data Sheets, Single line diagrams and mechanical data sheets.
- Communicated with client, Designer for Management of Change and Close out the HAZOP output report.
- Coordinated with designer, client, vendors, suppliers, supply chain, construction, for project execution.
- Safe delivered and handover of the project to the owner, sustainably, safely, on time, within budget.
- Participated in all project's technical sessions by EPC/FEED Contract such as design review meetings, 3D Model, Constructability, participated in HAZOP, HAZID, SIL, etc.
- Ensured quality product is produced that represents best value' for owners and their Stakeholders.
- Attended technical meetings with the client, EPC / FEED Contractor and Vendors.
- Prepared the request for quotations (RFQ) for wellhead platforms topside facilities.
- Reviewed proposals and quotations from vendors and suppliers, chose best technically and commercially.

Dates : From Dec. 2018 till Feb. 2020
Employer : TEEKAY LNG Bahrain Operations LLC
Project : Bahrain LNG Import Terminal Project (BLNGIT)
Offshore Project, Offshore LNG Terminal (FSU, JETTY with 9 Loading Arms, Regasification Platform, Onshore Receiving facilities, gas Metering, Exporting Pipeline, Nitrogen Production Facilities - Bahrain LNG Importing Terminal
Job title : Operations Lead, Shift Team Leader, Supervisor, Process Safety Specialist
Job Description :

- Pre-commissioning, commissioning, start-up, Operations and Maintenance, Production, Process, Process Safety.
- Coordinate Pre-commissioning, Commissioning and the Start-up and operations activities.
- Reviewed design documents, operating manuals, mechanical data sheets, mechanical drawing, process flow diagrams, fire protection plan

- and equipment distribution layout, safety and environmental procedures.
- Reviewed and verified the P&ID, conducted walk down, filled punch lists, raised defect reports.
 - Coordinated implementation of pre-commissioning, commissioning, start-up procedures and performance test.
 - Participated in HAZOP, HAZID review, risk assessments, SIMOPS meetings, safety meetings.
 - Reviewed the PTW permit to work procedure and safety procedures and carried out coaching on it.
 - Conducted the PTW daily meeting, coordinated PTW issuing with all disciplines for all activities and SIMOPS activities at brownfield and greenfield area such as hot and cold work permit, confined space entry, work at height, electrical PTW LV, MV, HV, Radiography, diving, work overboard, reviewed method statements, isolation certificates, supervised isolation, ensured compliance with safety procedures and LOTO Lock Out Tag Out procedures, signed mechanical isolation certificates, conducted toolbox talk.
 - Supervised, monitor and lead activities and operation staff within LNG terminal at site and control room, conducted shift handover, audited logbooks of control room and field operators, serve as backup to operation manager.
 - Carried out training, coaching, on job training and assessment for the operations staff.
 - Ensured operations targets are met, prepared daily, monthly and annual reports, write handover, logbook.
 - Reviewed collected data and checklists from DCS and site, checked deviations, issued work orders for maintenance explaining problems and deviations.
 - Conducted pre-cargo transfer conference, carried out ship/shore safety checklist and all repetitive checks. communicated with vessels prior its arrival alongside, supervised ship approaching LNG jetty berths and STS.
 - Monitoring and supervised mooring boats operation, ensuring vessel correctly safely positioned, monitored ship mooring correct tension, vessels positioned alongside have no excessive movement, deployed shore gangway.
 - Inspected leaks from scuppers, overboard discharges, dock water surface around vessels, ensured early notification and response to accidental spillage pollution.
 - Regular checked jetty valves, pipe work, flexible cargo hoses, sumps level for integrity.
 - Supervised valves, lines setting, loading arms connection, position, ensure no operating envelope breach.
 - Monitored ship cargo tanks' samples, ullages, temperature, water dips, weather forecast, adverse weather, ascertain parameters are acceptable for operations and ensure vessel is complying with port & jetty regulations.
 - Monitored communication between ship and control room and shore to initiate undertake cargo transfer, continuously communicate with ship bridge during STS and emergencies.
 - Monitor cargo operation at jetty, pressures, flow, sampling with auto samplers, log timesheet.

- Secured shore lines on cargo operation completion, disconnected loading arms, cargo hoses, recovered shore gangway, unmooring, Controlled jetty security, property, personnel activities, access to and from jetty and ship.
- Conducted LNG terminal ERP emergency response plan training, coach staff on emergency scenarios.
- As an incident commander controlled, coordinated emergencies at frontline according to the ERP, communicated continuously with the emergency team, emergency room, management, coast guard, civil defense, harbor authority, arrange for vessel evacuation according to exist scenario.

Dates	:	From Aug. 2016 till Dec. 2018
Employer	:	ADES (Advanced Energy System Company)
Project	:	Offshore Muzhil Oil Field Project, PETROZENEMA Company Offshore Oil Production Field, Wellhead Platform, Oil Process Facilities, (MOPU) Mobile Offshore Production Unit (Modified Jack-Up Rig), (FSO) Storage and Offloading Ship, EPF early production facilities, well test facilities - Egypt
Job title	:	Production Field Manager (Delegated OIM Offshore Installation Manager)
Job Description	:	<ul style="list-style-type: none"> • Pre-commissioning, commissioning, start-up, Operations and Maintenance, Production, Process, Process Safety. • Coordinate Pre-commissioning, Commissioning and the Start-up and operations activities. • Coordinated the commissioning, Start-up activities of new facilities on MOPU, FSO and Wellhead Platform. • Managed production and process operation activities and operation staff on MOPU, Platform and FSO. • Coordinate all activities with the client and high management, reported to the operation general manager. • Participated in HAZOP, HAZID, SIMOPS, Safety meetings, RA risk assessments, JRA job risk analysis. • Submitted MOC management of change proposals for improvement, cost saving, working within budget. • Provide guidance for production facilities machinery and instrumentations safe and efficient operation. • Managed operation for production optimization and improvement at field, ensure that production targets are met, and working within the operation budgets with saving cost. • Reviewed control room and plant log books, provided guidance to the production team for all matters. • Coordinated and managed, carried out integrity testing for the wellhead, Christmas tree valves and SSSV, well testing, Jack-up Rig SIMOPS and Rig less activities, artificial lift pumps, multistage centrifugal and reciprocating injection, submersible jet pumps, ESP Electrical Submersible pumps, Marine operations, upstream oil and gas unmanned and remote operated facilities and platforms. • Provide guidance to laboratory testing and analysis, fully understand of chemical injection rates criticality. • Prepared, review, planed medium- and long-term production activities,

operation and safety procedure.

- Coordinated between production and maintenance regarding the maintenance, calibration and testing requirements, ensure that plant and systems maintained and in optimum performance and good condition.
- Planned and anticipated consumables, chemicals, spare parts, material requirements, remained aware of stock levels, ensured that all requisitions are raised in good time and onshore resources support are met.
- Conducted PTW daily meetings, discussed with all disciplines PTW permit to work procedures, requests, risk assessment, method statements, isolation certificates, marked up P&ID's, issued PTWs for brownfield, greenfield areas, SIMOPS. For hot or cold work permit, confined space entry, work at height, electrical PTW LV, MV, HV, Radiography, diving, work overboard. Conducted toolbox talk, supervised isolation activities following safety and LOTO Lock Out Tag Out procedures, signed mechanical isolation certificates, assured activities done safe.
- Implement the RCA & Near miss related to plant incident and input it to incident tracking system.
- Reviewed ERP emergency response plan, carried out master drills, coaching staff on the planned ERP different scenarios, coordinated emergencies with emergency team, emergency room, and management.

Dates	:	From Jul. 2015 till Jul. 2016
Employer	:	GS Engineering and Construction Company (EPC Company)
Project	:	Egyptian Refinery Company (TAKRIR) - ERC Project Hydro Cracking Refinery Project (HCU, VDU, HPU, DCU, NHT, DHT, CCR Unit & Reformer Unit, SWU, TGTU, SRU, Utilities)
Job title	:	Commissioning Functional Manager (Senior Commissioning Engineer)
Job Description	:	<ul style="list-style-type: none">• Pre-commissioning, commissioning, start-up.• Coordinated between production and maintenance regarding the maintenance, calibration and testing requirements, ensure that plant and systems maintained and in optimum performance and good condition.• Planned and anticipated consumables, chemicals, spare parts, material requirements, remained aware of stock levels, ensured that all requisitions are raised in good time and onshore resources support are met.• Conducted PTW daily meetings, discussed with all disciplines PTW permit to work procedures, requests, risk assessment, method statements, isolation certificates, marked up P&ID's, issued PTWs for brownfield, greenfield areas, SIMOPS. For hot or cold work permit, confined space entry, work at height, electrical PTW LV, MV, HV, Radiography, diving, work overboard. Conducted toolbox talk, supervised isolation activities following safety and LOTO Lock Out Tag Out procedures, signed mechanical isolation certificates, assured activities done safe.• Implement the RCA & Near miss related to plant incident and input it to incident tracking system.• Reviewed ERP emergency response plan, carried out master drills, coaching staff on the planned ERP different scenarios, coordinated emergencies with emergency team, emergency room, and management.

Dates : From Feb. 2015 till Jul. 2015
Employer : Egyptian Petroleum Gas Company PETROGAS
Project : LPG importing Terminals & Storage tanks & LPG gas filling & transmission & distribution
Job title : Department Head
Job Description : Planning, Information and follow up.

Dates : From Jan. 2013 till Feb. 2015
Employer : RASHPETCO / Burullus Gas Company, WDDM Company (Shell - EGPC - Petronas Joint Venture Company)
Projects : West Delta Deep Marine (WDDM) - natural gas production project, gas plant, offshore deep-water production fields, remote control platform, subsea gas wells, gathering systems, transmission pipelines, onshore receiving and separation facilities, exporting metering and gas transmission pipelines, condensate separation stabilization, storage tanks, exporting metering and pipelines, water treatment, methanol and MEG mono ethylene glycol, storage and injection facilities, meg recovery units, subsea electrical and communication umbilical and control modules - Egypt
Job title : Department Head (Superintendent, Plant Manager) (Production, Process, Operations)
Job Description :

- Pre-commissioning, commissioning, start-up, Operations and Maintenance, Production, Process, Process Safety
- Coordinate Pre-commissioning, Commissioning and the Start-up and operations activities.
- Conducted new projects management meetings during construction and commissioning for activities progress.
- Reviewed design documents, operating manuals, data sheets, mechanical drawings, flow diagrams, conducted walk down, verified the P&IDS, filled punch lists, raised NCR Non-Conformance Report.
- Reviewed commissioning procedures, coordinated activities and SIMOPS with all functional groups.
- Managed start-up, reviewed PSSR pre-start-up safety review, be assured it done safely.
- Managed, supervised and monitored operations staff at WDDM project at onshore and offshore at gas plant, control platform, wells and transmission pipelines.
- Participated in HAZOP, HAZID, Risk assessments, SIMOPS, Safety meetings.
- Coordinated and implement RCA Root Cause Analysis & Near miss and input it to incident tracking system, contributed in the incident investigation, process safety and integrity.
- Reviewed, proposed MOC Management of change, reviewed engineering technical reports.
- Reviewed, implement PTW permit to work procedures, conducted PTW meeting with all disciplines discussing PTW requests, risk assessment, method statement, isolation certificates, marked up P&ID, SIMOPS, Issue PTW, assured compliance to LOTO Lock Out Tag Out and safety procedures at brownfield and greenfield areas.
- Coordinated, Managed shutdown / turnaround, reviewed shutdown and start-up procedures, plans, PTW, isolation certificates and marked up

P&IDs. Coordinated shutdown activation, facilities venting, draining, nitrogen purge, isolation, flushing, cleaning, inspection, maintenance, catalyst loading, chemical filling, systems upgrading, nitrogen purge and entering, leak test, ESD function tests, de-isolation and start-up.

- Reviewed data and readings collected from the plant, DCS and wells, investigated problems and deviations.
- Coordinated troubleshooting and maintenance activities, ensured facilities have an optimum performance.
- Ensured production target and export nominations are met, applied production scenarios.
- Managed upstream production activities and well test for reservoir engineering.
- Planned production and process operations activities, provide safe and efficient operation guidance.
- Reviewed production daily, monthly, quarterly and annual reports and implement KPI.
- Conducted shift handovers and daily, weekly and monthly safety meetings and operation management meetings.
- Audit supervisors and operator's logbooks at control room, checked checklists and reading sheets.
- Carried out coaching, awareness and assessment for operation staff and reviewed the training plans.
- Reviewed, developed and maintain operation budget requirements with saving cost.
- Managed chemicals injection and controlled inventory, planned and anticipated consumables, chemicals, spare parts and, material requirements, remain aware of stock levels, ensured requisitions raised in time.
- Managed integrity test on wellhead Christmas trees' valves and SSSV using MCS Master Control Stations.
- Reviewed fire protection plan, equipment distribution layout, safety critical elements, safety and environment procedures, ERP emergency response plan, coach different scenarios, carried out master drills.

Dates	:	From Jan. 2010 till Jan. 2013
Employer	:	RASHPETCO / Burullus Gas Company (Shell - EGPC - Petronas Joint Venture Company)
Project	:	West Delta Deep Marine (WDDM). Natural Gas Production Project. Gas Plant and Offshore Deepwater subsea natural gas production fields - Egypt
Job title	:	Section Head (Operations Supervisor, Operations in Charge, Team Leader, Day Supervisor) (Production, Process Operations)
Job Description	:	<ul style="list-style-type: none"> • Pre-commissioning, commissioning, start-up, Operations and Maintenance, Production, Process, Process Safety. • Coordinate Pre-commissioning, Commissioning and the Start-up and operations activities. • Supervised, coordinated and monitored operations, production, process and commissioning activities and staff at onshore and offshore at gas plant and offshore remote-control platform and wells systems. • Reviewed commissioning and start-up procedures, operating manual, design documents, data sheets, mechanical drawing, PFD, conducted walk down, verified P&ID's, filled punch lists, raised NCR Non-

Conformance Report.

- Reviewed, coordinated implementation of the pre-commissioning, commissioning, start-up procedures and PSSR pre-start-up safety review, SOP standard operating procedures, carried out new facilities start-up safely.
- Participated in HAZOP, HAZID, SIMOPS, risk assessments, JRA job risk analysis, RCA root cause analysis.
- Coordinated activities and SIMOPS with construction and commissioning functional groups, issued PTW at greenfield and brownfield areas such as tie-ins connections, hot tapping, air blowing, chemical cleaning, water or oil flushing, loop check, solo run test, refractory conditioning.
- Conducted PTW daily meeting, discussed PTW requests, SIMOPS, risk assessment, method statements, isolation certificates, marked up P&ID's, issued brownfield and greenfield PTWs for hot and cold work permits, confined space entry, work at height, LV, MV, HV electrical PTW, Radiography, diving, work overboard. conducted toolbox talk, supervised isolation, followed LOTO Lock Out Tag Out procedures, assured activities done safe.
- Coordinated shutdowns / turnaround activities, prepared shutdown and start-up procedure, reviewed isolation certificates, marked up P&ID's, issued PTW permit to work, Supervised facilities venting, draining, nitrogen purge, isolation, flushing, cleaning, inspection, maintenance, catalyst loading, chemical filling, control systems upgrading, nitrogen purge, entering, leak test, ESD function tests, de-isolation, start-up.
- Conducted shift handover, carried out coaching, on job training, awareness and assessment for the operation staff.
- Prepared, reviewed production daily, monthly and annual reports, generate checked checklists and reading sheets.
- Applied production scenarios, ensured production target and export nominations are met.
- Submitted work orders using GMS system for maintenance, troubleshooting and fixing problems. Coordinated maintenance activities ensured facilities have optimum performance.
- Supervise, anticipate material requirements, consumables, chemicals, remain aware of stock, raised requisitions.
- Supervised chemicals injection such as MEG and methanol injection, reviewed and anticipated inventory.
- Supervised condensate shipping operation to refineries using condensate storage tanks, multistage centrifugal pumps, metering station and transmission pipelines, supervised pigging operations, storage tanks cleaning.
- Supervised well test and integrity test for wellheads, Christmas trees and SSSV using onshore MCS Master Control Stations or offshore control platform. carried out well test for reservoir engineering requirement.
- Raised MOC Management of Change proposals, reviewed engineering technical reports.
- Reviewed safety procedures, fire protection plan, equipment distribution layout, safety critical elements.
- Implement safety and process safety, asset integrity, RCA Root Cause Analysis, incident investigations.

Dates : From Jan. 2007 till Jan. 2010
Employer : RASHPETCO / Burullus Gas Company (Shell - EGPC - Petronas Joint Venture Company)
Projects : West Delta Deep Marine (WDDM), Natural Gas Production Project. Gas Plant and Offshore Deepwater subsea natural gas production fields - Egypt
Job title : Senior Engineer (Shift Supervisor, Shift Manager, Senior Operator, PTW Issuing Authority) (Production, Process Operations)
Job Description : Pre-commissioning, commissioning, start-up, Operations and Maintenance, Production, Process, Process Safety.

Dates : From Jan. 2004 till Jan. 2007
Employer : RASHPETCO / Burullus Gas Company (Shell - EGPC - Petronas Joint Venture Company)
Projects : West Delta Deep Marine (WDDM), Natural Gas Production Project. Gas Plant and Offshore Deepwater subsea natural gas production fields - Egypt
Job title : First Engineer (Senior Operator, Control Room Operator, DCS Operator, Shift in Charge) (Production, Process Operations)
Job Description : Pre-commissioning, commissioning, start-up, Operations and Maintenance, Production, Process, Process Safety.

Dates : From Oct. 2002 till Jan. 2004
Employer : RASHPETCO / Burullus Gas Company (Shell - EGPC - Petronas Joint Venture Company)
Project : West Delta Deep Marine (WDDM), Natural Gas Production Project. Gas Plant and Offshore Deepwater subsea natural gas production fields - Egypt
Job title : Shift Engineer (Field Operator, Field Engineer, PTW receiver, PTW Permit to Work Coordinator) (Production, Process Operations)
Job Description : Pre-commissioning, commissioning, start-up, Operations and Maintenance, Production, Process, Process Safety.

Dates : From Oct. 1999 till Oct. 2002
Job title : Junior Chemical Engineer (Junior Petroleum Refining Engineer)
Job Description : Trainee at El-Nasr Refinery, English Language Trainee at AUC, Junior Engineer at Maintenance Workshop & Military Service in Egyptian Army for 14 months.

Field of experience : • Summary:
- 23 years of experience in Oil & Gas industries Upstream, Mid-stream and Downstream, Offshore, Onshore and Ashore.
- Assigned for several roles and Promotions as Production Field Manager, Commissioning Functional Manager, Plant Manager, Department Head, Section Head, Operations Supervisor, Operations in Charge, Shift Manager, Shift in Charge, Shift Supervisor, Operations Engineer, Commissioning Engineer, Process and Production Engineer, Process Safety Specialist / Engineer, PTW Coordinator, Issuing Authority, DCS Operator, Control Room Operator, Field Operator.
- Work at the following projects: Natural Gas Production Fields, Gas Plant, Remote Control Platform, Water Treatment, MEG Recovery, Natural Gas Transmission Pipelines.

- Oil Production Fields, FSO, MOPU, Jack up Rig., EPF, Well Test Equipment, Wellhead Platforms.
- LNG Terminal, Jetty, Regasification Platform, FSU, Nitrogen Production Facilities, Transmission Pipelines.
- Refinery, HCU, VDU, HPU, DCU, NHT, DHT, CCR, Reformer Unit, TGTU, SRU, SWU, Utilities.
- LPG Importing Terminals, Storage Tanks, Transporting, filling and distribution.
- Achievements:
 - Commissioned, Started-up and Operated SHE and HH Offshore oil production platforms.
 - Commissioned, Started-up and Operated Bahrain LNG Terminal, LNG jetty (sea island), regasification platform, FSU, subsea pipelines, onshore receiving facilities, nitrogen production facilities (Airliquid).
 - Commissioned and Started-up and Operated offshore Muzhil Oil Production Field, Wellhead Platforms, MOPU Mobile Offshore Production Unit (Modified Jack-Up Rig), FSO Ship, EPF (Early Production Facilities), Well Test Equipment, surface production and separation facilities.
 - Contributed in the Pre-commissioning and Commissioning of the ERC Hydrocracking Refinery (HCU, VDU, HPU, DCU, NHT, DHT, CCR Unit & Reformer Unit, SWU, TGTU, SRU, Utilities).
 - LPG Experience, LPG terminals, Storage Tanks Farm, LPG handling, filling.
 - Commissioned, Started-up and Operated West Delta Deep Marine (WDDM) Mega Project which consists of Gas Plant (2650mmscf capacity), 56 Deepwater production GAS wells (80 to 120km offshore wells with 10" subsea flow lines for each well connected to manifolds). subsea gathering systems consist of 12 manifolds, 3 subsea gas transmission pipelines, (two 36", one 24" 70km), infield subsea pipelines (one 26" and five 20"), subsea control systems have hydraulic, electrical and fibre optic umbilical, control modules, methanol and MEG injection system, 3two hydraulic control unit located onshore and offshore, master control stations located onshore and offshore. control platform, subsea wells system controlled from offshore control platform as a redundant control and onshore control system, both controls connected together by fibre optic and satellite and electrical cables, MEG and methanol injection systems. 3 slug catcher, 7 high pressure separators, 4 low pressure separators, 4 condensate separations and stabilization trains have distillation tower, reboilers, condensers. (30,000bbls/day). 2 gas dehydration TSA trains, 8 Silica gel towers 1100mmscf capacity, 4 filter coalesces, 6 sand filters, natural gas export metering. 2 booster compressors centrifugal (700 mmscf / Each). 5 centrifugal gas compressor (640mmscf/each) GT driven accommodate the plant inlet pressure declination, slug catcher, 2 high pressure separators, utilities of phase VII project at Idku gas hub plant. 2 flashed gas reciprocating compressors. 5 Condensate storage tanks (500,000bbls), two condensate export pipelines (120km 6"&12"), three multistage condensate exporting pumps,

two condensate centrifugal exporting pumps, condensate export metering (raw naphtha) export to 2 refineries. 2 direct fire heaters used for the two natural gas dehydration trains for regeneration cycle. CCR Central Control Room use Yokogawa ICSS system connect Yokogawa DCS, MCS, Metering, F&G, ESD Systems. etc. 6 GT Gas Turbines Power Generation (3 ALSTOM & 6MW), 3 GE (21MW), 4 emergency diesel generators, 2 switch gear, LER, 2 fuel gas packages, F&G, firefighting systems, fire water network foam, FM-20. HP & LP flares, 3 Air compressors. oily water treatment, Surge tank (30,000bbls) received associated produced water from the gas wells. MEG recovery plant (2 MEG Mono Ethylene Glycol Recovery Units) using heating medium network using Themonil66, two direct fire heaters for heating medium network, heat exchangers, flash drums, vacuum vaporizers, distillation towers, salts crystallization and separation centrifugal system).

- Strong skills in HAZOP, HAZID, PTW, ISPS, Root Cause Analysis, Risk Assessment, Job Risk Analysis, MOC Management of Change, process and design review, Process and production optimization, de-bottlenecking, Process safety, HSSE, pre-commissioning, commissioning, start-up, performance tests and handover, operation and maintenance troubleshooting, turnaround, shutdown, technical writing, reviewing and writing procedures and operation manuals, SIMOPS activities at brownfield and greenfield areas.